

MT**PRAQLLPL** **LLATYTVVAA** AVTSDEPTKT LSPAT**GDATL** AFVFDVTGSM WDDLMQVIDG
ASRILERSLS SRSRVIANYA LVPFHDPDIG PVTLTADPVV FQRELRLQLYV QGGGDCPEMS
VG**AIKAAVEV** **ANPGSFIYVF** SD**ARAKDYHK** KNELLQLLQL KQSQVVFVLT GDCGDRTHPG
YLAFEEIAST SSGQVFQLDK QQVSEVLKWV ESAIQASKVH LLSADHEEEG EHTWRIPFDP
SLKEVTISLS GPGPEIEVRD PLGMSQGSPP LLMQD

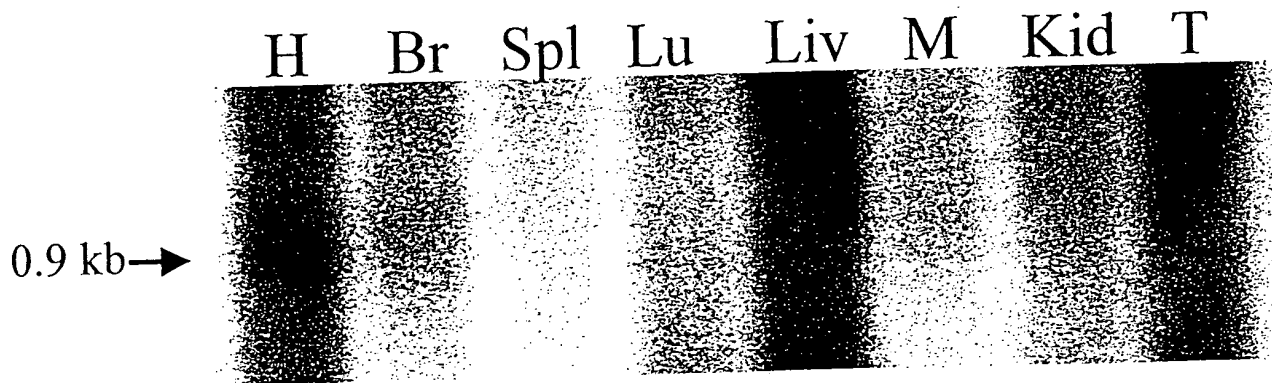
FIG. 1

000260.8275960

TCTAGCGAACCCCTTCGGCCCGCTCGAGACTGCACTGCCATCTATCCCTGCGACCTGCGCGT TAGGGCTGCAGCCTCCGGC 90
AGATCGCTTGGGGAAGCCGGGCGATCTCGCTCTGACGTGACGGTAGATAGGGACGCTGGACGCGCAGGGTAATCCCCGACGTGCGAGGCCG
L R T P S A R S E T A L P S I P A T C A S H G C S L R
TCAGCATGACGCTAGGGCGCAGCTCTCTGCCGTGCTCTTGGCGACCTACACAGTAGTGGCGGGCGGGTACATCTGATGAGCCACGA 180
AGTCGTACTCGGGATCCCGCTCGAGGACGGGACGAGGACCGCTGGATGTGTATCACC GCCCGCCAGTGTAGACTACTCGGGTGT
L S (M) T P R A O L L P L L L A T Y T V V A A A V T S D E P T
AGACGCTGTCCCGGCCACAGGAGACGCCACCCTGGCCTTCGTCTTCGATGTACCGGCTCCATGTGGGACGATCTGATGCAGGTGATCG 270
TCTGCGACAGGGGGGTGTCTCTGCGGTGGGACCGGAAGCAGAAGTACAGTGGCCGAGGTACACCTGCTAGACTACGTCCACTAGC
K T L S P A T G D A T L A F V F D V T G S M W D D L H O V I
ACGGCGCTCACGCATTCTGGAGCGCAGTCTGAGCAGCCGAGCCGGTTCATGCCAACTATGCGCTGGTGCCTTTCCACGACCCAGACA 360
TGCCCGGAGTGCCTAAGACCTCGCTCAGACTCGTCGGCTCGGCCAGTAGCGGTTGATACGCGACCACGGAAGGTCTGGGTCTGT
D G A S R I L E R S L S S R S R V I A N Y A L V P F H D P D
TTGGCCAGTGACCCTCACGGCGGACCCAGTGGTGTTCAGAGAGAGCTGAGACAACCTATGTTTCAGGGAGGTGGTACTGCCAGAAA 450
AACC GGTCCTACTGGAGTGGCGCTGGGTACCCACAAAGTCTCTCTCGACTCTGTTGAGATACAAGTCCCTCCACCACTGACGGGTCTT
I G P V T L T A D P V V F O R E L R O L Y V O G G G D C P E
TGAGTGTGGGGCCATCAAGGCTGCGCTGGAGGTGCCAACCCCGGCTCCTTCATCTACGTCTTCTCGGATGCCCGTCCAAAGGACTACC 540
ACTCACACCCCGGTAGTTCGACGGCACCTCCAACGGTTGGGGCCAGGAAGTAGATGCAGAAGAGCCTACGGGCACGGTCTCTGATGG
H S V G A I K A A V E V A N P G S F I Y V F S D A R A K D Y
ACAAGAAGATGAGCTCCTGCAGCTCCTGCAGCTGAAGCAGTCCGAGGTGGTCTTCGTGCTGACTGGGGACTGCGGTGACCGCACCCACC 630
TGTTCTTCTACTCGAGGACGTCGAGGACGTCGACTTCGTACAGCTCCACCAGAAGCAGACTGACCCCTGACGCCACTGGCGTGGGTGG
H K K N E L L O L L O L K O S O V V F V L T G D C G D R T H
CTGGCTACCTGGCTTTTGAGGAGATCGCTCCACCAGTCTGCGCAAGTGTTCAGCTGGACAAGCAGCAGGTGTGCGAGGTGTTAAAGT 720
GACCGATGGACCGAAAACCTCTAGCGGAGGTGGTCAAGACCGGTTCAAGGTGACCTGTTCTGCTGTCACAGCTCCACAATTCA
P G Y L A F E E I A S T S S G O V F O L D K O O V S E V L K
GGGTGGAGTCCGCATCCAGGCTCCAAAGTTCATCTGCTGTACGAGACCAGGAGGAGGGGCAACACATGGAGAATCCCTTTTG 810
CCCACCTCAGGCGGTAGGTCCGAGGTTTCAAGTAGACGACGTGCTGCTGGTCTCTCTCCGCTTGTGTACCTCTTAGGGAAAAC
W V E S A I O A S K V H L L S A D H E E E G E H T W R I P F
ACCCAGCTTGAAGGAAGTCACCATCTCACTGAGCGGGCAGGGCTGAGATCGAAGTCCGGGACCCACTGGGTATGTCCAGGGTTCAC 900
TGGGGTCGAATCTCTCAGTGGTAGAGTACTCGCCCGGTCCCGACTCTAGCTTCAGGCCCTGGGTGACCCATACAGGTCCCAAGT
D P S L K E V T I S L S G P G P E I E V R D P L G M S O G S
CTCCTCTTCTGATGCAAGACTGAGCTGGAAGGCCAGGCTGAGGCGATGGAAGGAGGGGCTGAGGAGATGGCTCAGCCAATAAAATGCT 990
GAGGAGAAGACTACGTCTGACTCGACCTTCCGGTCCGACTCCGCTACCTTCTCCCGGACTCTCTACCGAGTCGGTTATTTACAGA
P P L L M O D A G R P G G D G R R G L R R W L S O N V
GCCTCACACAAAAAAGCCCGGCTCGAGCGGCCG 1031
CGGAGTGTGTTTTTTTTTTTTCGGGCCGAGCTCGCCGGC
C L T O K K K K P G S S G R

Fig. 2

Rat Multiple Tissue Northern Blot



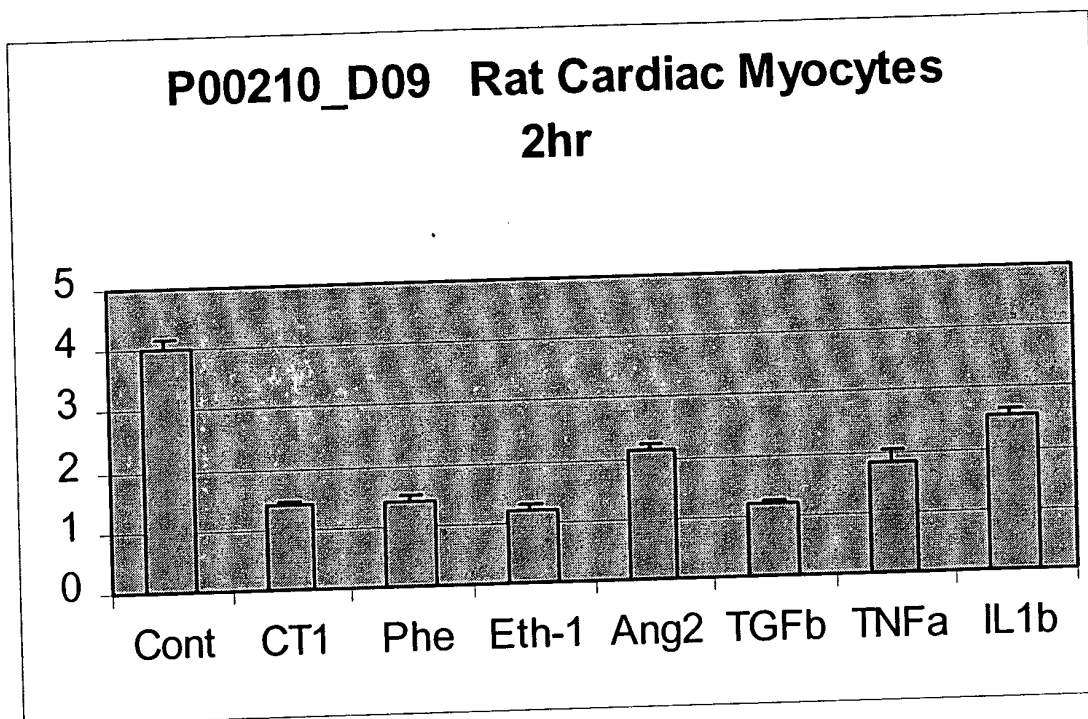
Probe: P00210_D09 rat cDNA

Fig. 3

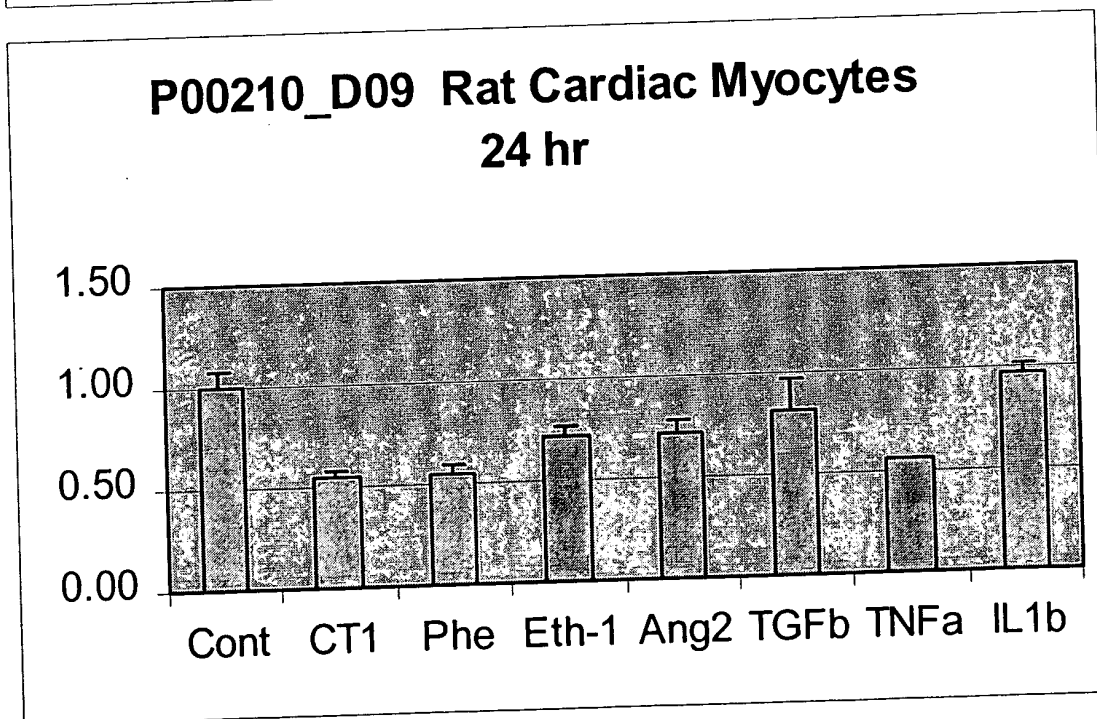
Fig. 4

Expression of P00210_D09 in treated rat cardiac myocytes

a.



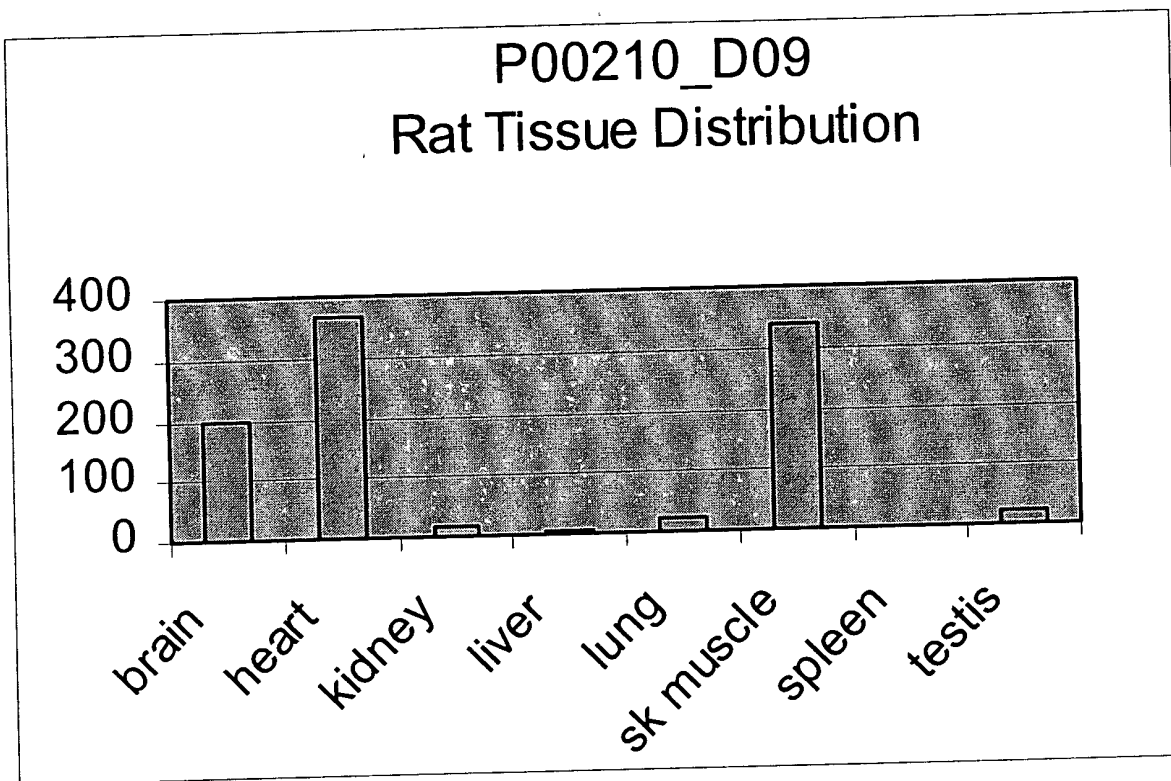
b.



000260-32759960

Fig. 5

Rat tissue distribution of P00210_D09 by
quantitative real-time PCR



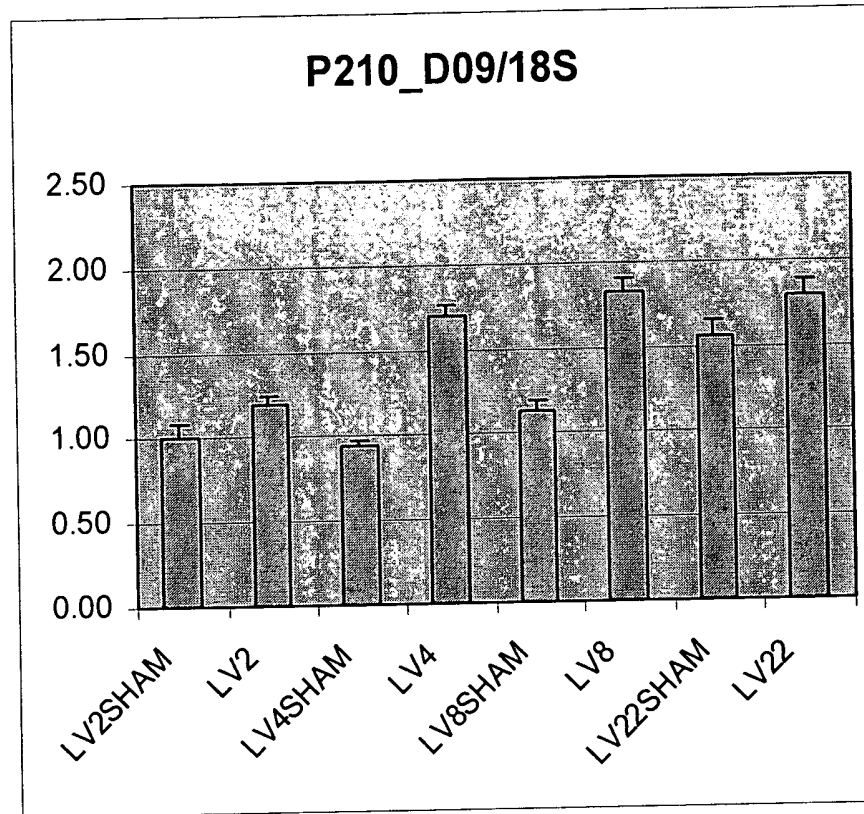
000260-82759960

Fig. 6

Expression profile of P00210_D09 by quantitative real-time PCR in the rat myocardial infarction model

A

LV



B

Spt

